

CLAIM AMENDMENTS

Claim 1 (canceled)

Claim 2 (original): The consumable electrode of Claim 1 in which the said sodium foil is coated on both sides with a depolarizing agent.

Claim 3 (original): The consumable electrode of Claim 1 in which the said sodium foil is segmented at regular intervals.

Claim 4 (original): The consumable electrode of Claim 1 incorporating a bead-chain at one edge to facilitate its insertion into an electrolyte vat.

Claim 5 (new): A consumable electrode prepared by the process comprising:

a. positioning an aluminized polymer tape having spaced side edges for the receipt of a segment of sodium foil, said tape and said foil being of equal extension, but said foil being of less than  $\frac{1}{2}$  of the lateral extension of said tape;

b. placing the sodium foil lengthwise along the central axis of one face of said tape and inset from the side edge of said tape on the face of said tape where said foil has been placed;

c. folding said tape such that the balance of the face upon which foil has been positioned overlies said foil;

d. hermitically sealing the tape's two side edges together to seal and encase the sodium foil within.

Claim 6 (new): The process of preparing a consumable electrode which comprises:

a. sizing a sodium foil to be of length  $\frac{1}{2}$  of the extension widthwise and of equal extension lengthwise to an aluminized polymer tape,

b. placing the sodium foil along the length of said polymer tape,

c. folding the tape over said foil to encase said foil therein,

d. hermitically sealing the foil within said tape.

Claim 7 (new): The process of claim 6 wherein the foil is positioned along the central elongational axis of said tape, and then folding the segment of said tape hermitically the central elongational axis and a side edge, that is not carrying said foil, over the foil, and

hermitically sealing the foil withing the tape.

1           Claim 8 (new): A consumable electrode prepared by the process comprising:

2                   a. positioning an aluminized tape having spaced side edges, for the receipt of  
3 a sodium foil, said tape and said foil being of the same elongational extension, but said foil being  
4 of less than  $\frac{1}{2}$  the lateral extension of said tape,

5                   b. placing the foil along the length of said tape on one face thereof,

6                   c. folding said tape lengthwise over said foil, and

7                   d. hermitically sealing said foil within said tape.

8           Claim 9 (new): The electrode of claim 8 wherein the foil prior to placement on the tape  
9 has been coated with a depolarizing agent.

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